

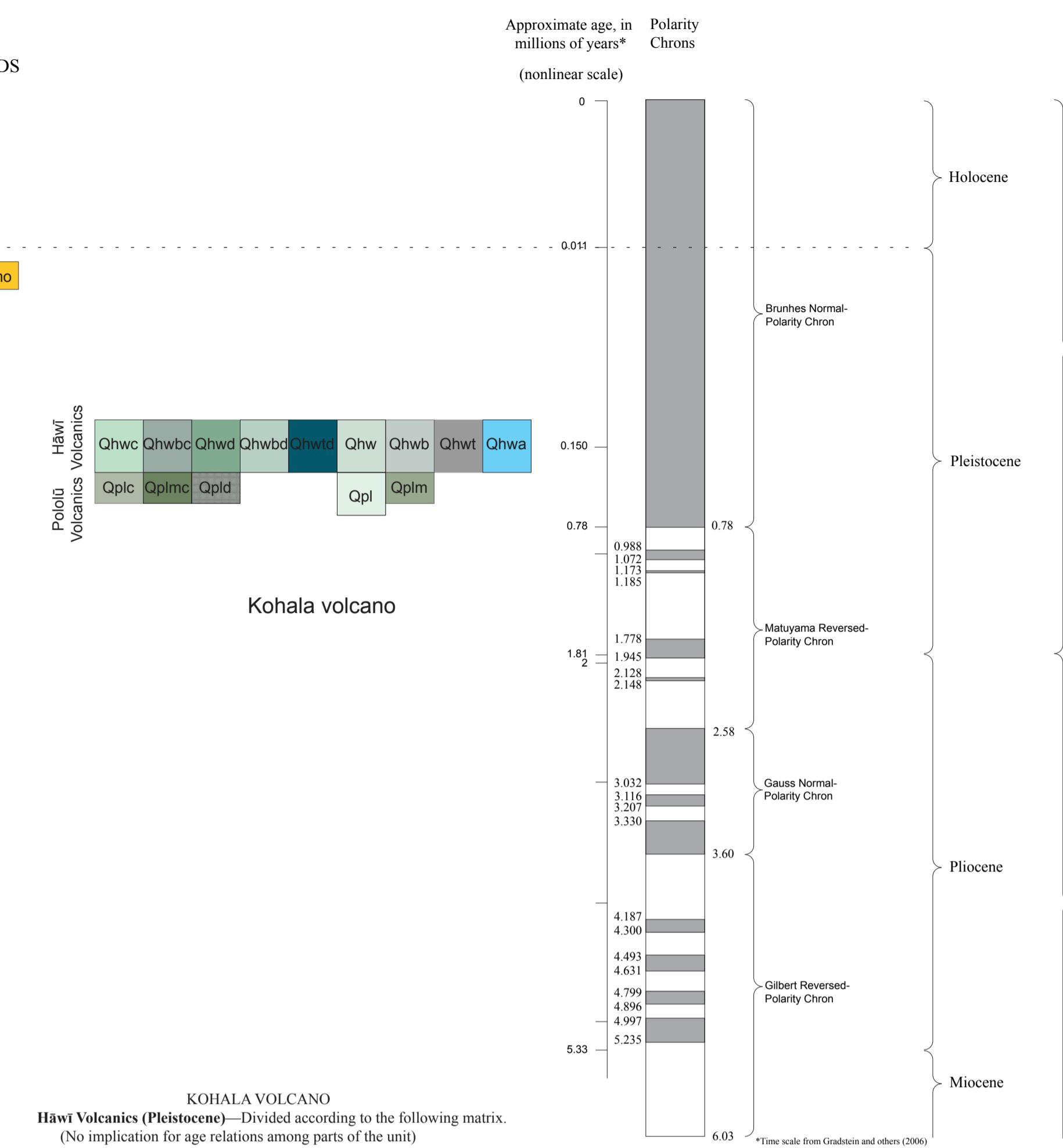
CORRELATION OF MAP UNITS



** The one occurrence of unit Qpld5 is on Kīlauea's northeast coast and shown labeled
The four occurrences of unit Qpld4o are scattered broadly along Kīlauea's south coast and shown labeled
Two occurrences of unit Qpld3 are on Kīlauea's northeast coast and two are on the southwest

†† All occurrences of Qkld units (5,4,3,2,1) are on Mauna Loa's west coast and labeled separately

HAWAII



LIST OF MAP UNITS ON SHEET 8 (THIS MAP)

HUALĀLAI VOLCANO
Hualālai Volcanics (Holocene and Pleistocene)—Basaltic units divided on basis of lithology and age according to the following matrix; whereas the trachyte belongs to a separately named member.

Hualālai Volcanics, basaltic rocks			
Spatter or scoria cones	Lava flows	Tephra deposits	Age, years
Qhc5	Qh5		0 - 200
Qhc4	Qh4	Qha4	200 - 750
Qhc3	Qh3		750 - 1500
Qhc2	Qh2		1500 - 3000
Qhc1y	Qh1y		3000 - 5000
Qhc1o	Qh10		5000 - 11,000
Qhc	Qh		>11,000

Wa‘awa‘a Trachyte Member (Pleistocene)—Divided into:

- Lava flow**
- Scoria cone**

MAUNA KEA VOLCANO

Laupāhoehoe Volcanics (Holocene and Pleistocene)—Divided into two informally named volcanic members and an intervening formally named glacial member, thusly:

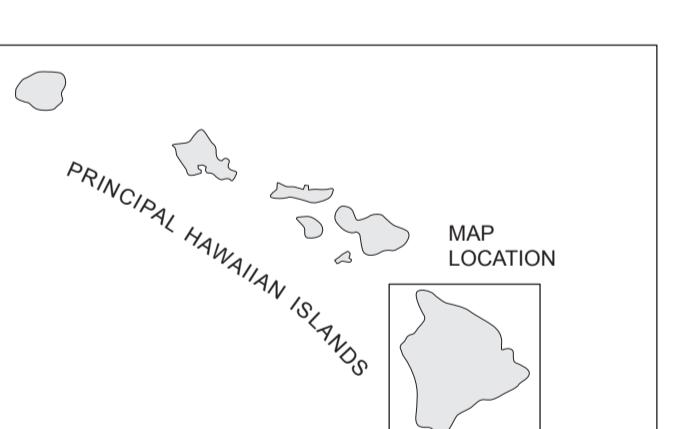
Younger volcanic rocks member (Holocene and Pleistocene)—

- Divided into:
 - Scoria cones**
 - Lava flows**
 - Tephra-fall deposits**
- Older volcanic rocks member (Holocene and Pleistocene)**—
 - Divided into:
 - Tephra-fall deposits (Holocene and Pleistocene)**
 - Scoria cones (Pleistocene)**
 - Lava flows (Pleistocene)**
- Mākanaka Glacial Member (Pleistocene)**—Divided into:
 - Till**
 - Outwash**
- Hāmākua Volcanics (Pleistocene)**—Consists of
 - Basalt**—Divided into:
 - Lava flows**
 - Vent deposits**
- Waihū Glacial Member**
- Pihonua Glacial Member**

KOHALA VOLCANO
Hāwī Volcanics (Pleistocene)—Divided according to the following matrix.
(No implication for age relations among parts of the unit)

Hawaiian Volcanics				Composition
Scoria cones	Lava domes	Lava flows	Tephra deposits	
Qhwc	Qhwd	Qhw	Qhwa	Hawaiite and mugearite Benmoreite
Qhwbc	Qhwbd	Qhwb		
	Qhwtd	Qhwt		
				Trachyte

Pololu Volcanics (Pleistocene)—Divided according to the following matrix				
Pololu Volcanics				
Scoria cones	Lava dome	Lava flows		
Qplc	Qplmc	Qpld	Qpl	Qplm



Geologic linework in Universal Transverse Mercator projection, North American datum 1983, zone 5
Topographic base and bounding latitude-longitude ticks from U.S. Geological Survey, Hawaii (1975).
Universal Transverse Mercator projection, Old Hawaiian datum.
UTM grid on map from Clarke 1866 ellipsoid, Old Hawaiian datum, zones 4 and 5
Base, intended for visual reference only, is fitted to GIC 1:100,000 scale topographic map.

Geologic Map of the State of Hawai‘i Sheet 8—Island of Hawai‘i

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